



UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 3742  
Examiner Philip H. Leung

In re Application of David Boyers

Case 042602C1

Serial no. 10/750,916

Filed 04/26/02

Subject A METHOD AND APPARATUS FOR HEATING  
A GAS-SOLVENT SOLUTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT/REPLY

In the Office Communication paper 51123 mailed November 28, 2005, the Examiner indicated that the reply filed by Applicant on 09/07/2005 was not fully responsive to the prior Office Action of 03/07/2005, since there was no response or argument as to a double patenting rejection and on the basis that the art rejection of Iwasa had not been addressed. To correct these issues, Applicant responds as follows:

1. The Applicant is submitting herewith a terminal disclaimer.
2. In the Office Action mailed 03/07/2005, the Examiner rejected independent claim 1 under 35 U.S.C. 102(b) as being anticipated by the Iwasa reference. In response, Applicant cancelled claim 1, and submitted new claims 2-37. Claim 2 in particular incorporates the power density limitation of being greater than  $20 \text{ w/cm}^3$ , as does new independent claim 20. Neither Iwasa nor any other reference cited by the Examiner shows or teaches even the need for such a high power density, let alone any way of achieving such a high power density. Hence, Applicant believes that the claims as amended are not anticipated by the cited references, nor can the cited references be combined in any way to render Applicant's invention obvious.

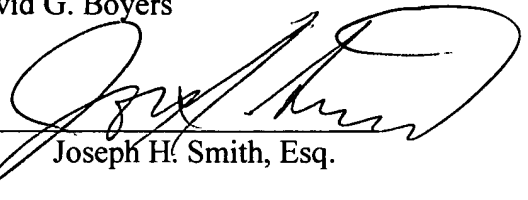
For all of the above-reasons, Applicant believes the claims as amended are patentable to Applicant and are in condition for allowance, and Applicant respectfully requests this application be passed quickly to issue.

A separate authorization letter (Fee Transmittal Form) is being provided herewith for the terminal disclaimer fee.

If any time extensions are required, such time extensions are hereby requested, and if any other fees are due, please take those fees from deposit account 10-1218.

Respectfully submitted,  
David G. Boyers

By



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IFW

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/750,916

Filing Date 01/02/2004

First Named Inventor David G. Boyers

Art Unit 3742

Examiner Name LEUNG, PHILIP H.

Attorney Docket Number 042602C1

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input checked="" type="checkbox"/> Terminal Disclaimer	RETURN RECEIPT POSTCARD
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Joseph H. Smith		
Date	12/27/2005	Reg. No.	30,328

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Joseph H. Smith	Date	12/27/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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